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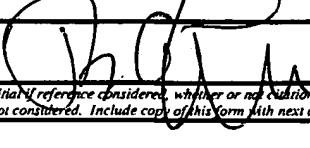
Sheet 1 of 1

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| FORM PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Atty. Docket No. 85466CEB Customer No. 01333 | Serial No. 10/643,236 |
| If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee | | Applicant: Robert O. James, et al | |
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| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|------------|---------------|-------|----------|-------------------------------|
| Examiner Initial* | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <u>M</u> | 5,217,804 | 06-08-1993 | James et al. | 428 | 329 | 11-06-1990 |
| <u>M</u> | 5,252,441 | 10-12-1993 | James et al. | 430 | 496 | 11-06-1990 |
| <u>M</u> | 5,985,173 | 11-16-1999 | Gray et al. | 252 | 301,42 | 11-18-1997 |
| <u>M</u> | 6,441,077 | 08-27-2002 | Border et al. | 524 | 433 | 12-22-2000 |

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| Examiner Initial* | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/> |
| <u>M</u> | 97/10527 | 1997-03-20 | WO | | | X |
| <u>M</u> | 99/21934 | 1999-05-06 | WO | | | X |

| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
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| <u>M</u> | Lucien Prod'homme, "A New Approach To The Thermal Change In The Refractive Index Of Glasses," Physics and Chemistry of Glasses, Vol. 1, No. 4, August 1960, pages 119-122 | | | | | |
| <u>M</u> | C. Becker et al., "Optical And Thermomechanical Investigations On Thermoplastic Nanocomposites With Surface Modified Silica Nanoparticles," SPIE Conference on Organic-Inorganic Hybrid Materials for Photonics, San Diego, California, July 1998, SPIE Vol. 3469, pages 88-98 | | | | | |
| <u>M</u> | B. Braune et al., "Tantalum Oxide Nanomers For Optical Applications," SPIE Conference on Organic-Inorganic Hybrid Materials for Photonics, San Diego, California, July 1998, SPIE Vol. 3469, pages 124-132 | | | | | |
| <u>M</u> | Milton Kerker, "The Scattering Of Light," 1969 Academic Press | | | | | |

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| EXAMINER  | DATE CONSIDERED  Aug 12, 2006 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|--|-----------------|---|-------------------------------------|-------|----------|----------------------------|
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| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner Initial* | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | 5,910,522 | 06-08-1999 | Jensehker et al. | 323 | 168 | |
| | 6,548,168 | 04-15-2003 | Mulvaney et al. | 428 | 492 | |
| | 2003/119,962 | 06-26-2003 | BORDER McLaughlin et al. | 524 | 433 | |
| | 2003/136,946 | 07-24-2003 | Kumacheva | 252 | 500 | |

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